MERCHAN

co, kid or p

style, go t

Rev. B. H.

St. Louis be

11-22tf.

PREPARE

elegant jew

gifts, may b

TO ANY

first-class ar

or gaiters, n

and in any

would say

THE St. 1

durable as

the sweetes

Conserva

11-22-tf.

MR. GRO.

dresser, cor

mercial ave

of the beard

ranged salor

ter of his

He has bear

calls for me

Fon SAL

valuable res

and 16th str

for cash. I four good le

in excellent

11-8 tf.

Notice of

removed fro

where he is

brass, lead .

Also, the hi

To ald to

saloon and

known serv

drinks, you more palata

corner of

Twelfth str

HOME A

firm of Go

be ore the

fore the lat

Goldstine &

sell at price

current in

public to es

ascertain t

no one will

ing behin:

are prepare

Louis

knows, an

body, is no

quarters, o

mercial an

fers to the

the choice

liquors to

that these,

reception,

see Louis i

come for

a cordial o

ers have u

Christmas

some stor

jewelry, g

and silver

and a fine

musical

Buder Bre

a loss in

present

their line

priate Ch

or a little

daughter,

suited to

Buders ex

public to

mas stock

MRS.

CHRISTS

OUR CHURCHES.

PRESBYTERIAN—Eighth Street.
Preaching, Sabbath at 104 a.m. and 74 p.m.
Prayer meeting, Wednesday at 74 p. m.
Sabbath School, 3 p.m. J. M. Lansden, Superintendent. Rev. H. Thayer, Pastor
METHODIST.—Cor. Eighth and Walnut Sts.
Preaching, Sabbath at 104 a.m., and 7 p. m.
Prayer meeting, Wednesday, 74 p.m.
Sabbath School, 3. p.m. L. W. Stillwell,
Superintendent. Rev. F. L. Thompson,
Pastor.

CHURCH OF THE REDEEMER-(Episcopal.) Morning prayers, Sabbath 104 a.m. Evening prayers, 74 p.m. Sabbath School, 9 a.m. REV. E. COAN, Rector.

T. PATRICK'S CHURCH-Ninth St. and Washington Avenue. Public service, Sabbath 8:10 and 104 a.m. Vespers, 7 p.m.
Sabbath School, 2 p.m.
Service every day, 8 a.m.
REV. P. J. O'HALLORAN, Priest.

8T. JOSEPH'S CHURCH.—(German,) corner of Walnut and Cross streets.

Mass, every Sabbath at 10 o'clock a. m.
Vespers, 2 p. m.
Mass during week days, 8 o'clock a. m.
REV. C. HOFFMAN, Priest.

REV. C. HOFFMAN, Priest. GERMAN LUTHERAN CHURCH—13 th street between Washington Avenue and Walnut street.

Preaching Sunday morning at 10 o'clock. Sabbath School at 2 o'clock p. m. H. C. Thielecke, Superintendent.

REV. ROB'T. HELBIG, PASTOR.

YOUNG MEN'S CHRISTIAN ASSOCIA-TION.—Regular meeting second Monday each month at their room over Rockwell & Co's book store, Commercial avenue. Weekly Prayer meeting, Friday, 74 p.m. at

L. W. STILLWELL, President. L. W. STILLWELL, Fresident.

SECOND MISSIONARY BAPTIST CHURCH.—Corner Syeamore and Forty-first streets. Preaching Sabbath at 11 o'clock a. m. and 3 o'clock p. m.

Sunday School 1 o'clock p. m.

The church is connected with the Illinois Association, by the First Missionary Baptist Church of Cairo.

REV. SOLOMON LEONARD, Pastor.

FRICAN METHODIST.—Fourteenth, be

REV. SOLOMON LEONARD, Pastor.
FRICAN METHODIST.—Fourteenth, be
ween Walnut and Cedar.
ervices, Sabbath, 11 a.m.
bbath School, 14 p.m.
ass meets at 3 p.m.
ZCOND FREE WILL BAPTIST.—Fif-

FREE WILL BAPTIST HOME MISSION SABBATH SCHOOL, -- Corner Walnut and Cedar Streets. Sabbath School, 9 a.m. FIRST FREE WILL BAPTIST CHURCH

Curry's Barracks.
Services, Sabbath II a.m., 3 p.m. & 73 p. m.
REV. WM. KELLEY, Pastor. FIRST MISSIONARY BAPTIST CHURCH.

Cedar, between Ninth and Tenth Sts.
Preaching Sabbath, 104 a.m. and 75 p.m.
Prayer meeting, Wednesday evening.
Preaching, Friday evening.
Sabbath School, 14 p.m. John VanBaxter
and Mary Stephens, Superintendents.
REV. T. J. SHORES, Pastor.

SECOND BAPTIST CHURCH—Fourteenth Street, between Cedar and Wainut. The only Baptist church recognized by the As-sociation. sociation. Services, Sabbath, 11 a.m. 3 p.m. and 7 p.m. RFV. JACOB BRADLEY, Elder.

SECRET ORDERS.

THE MASONS.

AIRO COMMANDERY, No. 13.—Stated Assembly at the Asylum Masonic Hall, first and third Saturdays in each month.

AIRO COUNCIL, No. 24.—Regular Convocation at Masonic Hall, the second Friday in each month.

CAIRO CHAPTER No. 71.—Regular Convocation at Masonic Hall, on the third Tuesday of every month,

CAIRO LODGE, No. 237 F. & A. M.—Regular Communications at Masonic Hall, the

lar Communications at Masonic Hall, the second and fourth Mondays of each month.

THE ODD-FELLOWS. Fellows' Hall, in Arter's building, every Thursday evening at 8 o'clock.

STATE OFFICERS.

Governor—John M. Palmer; Lieutenant-Governor—John Dougherty; Secretary of State—Edmund Rummei; Auditor of State—C. E. Lippincott: State Treasurer—E. N. Bates; Supt. Public Instruction—Newton Bateman

CONGRESSMEN. Senators-Lyman Trumbuil and John A. Logan.

"Representatives for the State-at-Large—S.
L. Beveridge.
Representative Thirteenth District—John
M. Crebs.

Senators, First District—T. A. E. Holcomb,
of Union, and S. K. Gibson, of Gallatin.
Representative, First District—H. Watson
Webb. MEMBERS GENERAL ASSEMBLY.

COUNTY OFFICERS. Judge-D. J. Baker, of Alexander.
Prosecuting Attorney.-J. F. McCartney. Prosecuting Attorney of Massac. Clerk-R. S. Yocum. Sheriff—A. H. Irvin. Wm. Martin—Assessor and Treasurer.

Judge-F. Bross.
Associates-J. E. McCrite and S. Marchil-

n. Clerk—Jacob G. Lynch. Coroner—John H. Gossman.

MUNICIPAL GOVERNMENT.

Mayor—John M. Lansden.
Treasurer—R. A. Cunningham.
Comptroller—E. A. Burnett.
Clerk—Michael Howley,
Marshal—Andrew Cain.
Attorney—P. H. Pope.
Police Magistrates—F. Bross and B. Shancessy. Chief of Police—L. H. Myers.

SELECT COUNCIL.

Mayot—John M. Lansden.
First Ward—P. G. Schul.
Second Ward—C. R. Woodward.
Third Ward—Juo. Wood. Fourth Ward—S. Staats Taylor. City-at-Large—W. P. Halliday and D. Hurd.

BOARD OF ALDERMEN. First Ward -James Rearden, A. B. ford, Isaac Walder.
Second Ward—R. H. Cunningham, E. Buder, Q. Stancel, James Swayne.
Third Ward—Wm. Stratton, J. B. Phillis.
Fourth Ward—Jno, H. Robinson, G. H. Sease, J. H. Metealf.

PHYSICIANS.

R. S. BRIGHAM, M. D., Homeopathic Physician and Surgeon. Office 136 Commercial avenue. Residence on Tenth street, three doors west of C. R. Woodward.

DR. B. C. TABER,

Will resume the practice of his profession with especial reference to the electrica treatment of diseases in all the new and improved methods of application.

In all cases of female complaints a lady will be in attendance. Office, 128 Commercial avenue, up stairs.

WILLIAM R. SMITH, M. D. ESIDENCE—No. 21 Thirteenth street, be-tween Washington avenue and Walnut street. C. W. DUNNING, M. D.

RESIDENCE—cornerNinth and Wainut sts.
Office—corner Sixth street and Ohio levee.
Office hours—from 8 s.m. to 12 m., and 9 p.m. H. WARDNER, M. D.

RESIDENCE - Corner Nineteenth street and Washington avenue, near court house. Of-dec over Arter's Grocery Store, Office House from 10 a.m. to 12 m. and "om 2 to 4 p. m. DR. R. BLUM.

Surgeon and Mechanical

DENTIST Office, Commercial Avenue between Ninth and Tenth streets,

MISCELLANEOUS.

REFINING OF SUGAR.

Sugar is an article of such general consumption, that every one is more or less familiar with its uses. Comparare well versed in the history of its production, and fewer still have par-ticular information relative to the processes it goes through in refuing, the better to fit it for use.

The latter class is the one to be more especially interested in the engraving upon the following page, illustrating in apparatus for use in a specific part of the process of refining ; viz., for drying or hardening the sugar crystal when it is desired to produce it in the condition called granulated sugar. As any matter relating to the sub.

ject or the article itself, in any state of its production, should be interesting, we propose to preface its description with a few general remarks on the history of the production of raw or commercial sugar, such as is mostly imported into this country. Such sugar is produced wholly from the sugar-cane grown within the limits or the tropical latitudes; and the nearer the equator, all other conditions being than the hemlock. Its delicate light-equal, the better is the sugar. Our green and silvery foliage and slender, supplies of raw sugar are brought chiefly from the West Indies, a considerable portion from Java and Manila in the East Indies, and the remainder mostly from several parts of South

There is a considerable amount of sugar produced in the Gulf States of this country, principally Louisiana and Texas; but its quality varies somewhat from that imported, and finds a market chiefly in the Western States.

It may not be necessary to explain the cause, but it seems to be the fact. that all the improvements made to facilitate production of raw sugar have been to increase quantity, which tends to depreciate quality in almost equal ratio. The consequence is, therefore, that no raw sugar is fit for domestic uses, and the business of refining it is absolutely necessary; while, for all other uses, a gain is made by substituting the refined where formerly some kinds of raw or partly refined sugar had to be used, as no other could be obtained in sufficient quantities.

There are some semi-refined or clari fied sugars imported, and it is this description which is chiefly produced in our Southern States; but the processes it goes through, being less perfect than those used in the Northern States, do not result in the production of an article equal in quality to that generally turned out by our refineries in Boston. New York, and Philadelphia. The semi-refined or clarified sugars so called, whether imported or of home production, are not so good for any purpose as the regular refined sugar, because they are clarified and blanched by a chemical process which is not so their shadows before—at least to the effectual as the method of clarification. effectual as the method of clarification and discolorization practised by the re-

Sugar is a crystallizable substance hence, when pure, is will form in regular, well-defined crystals, and, being perfectly soluble, will readily dissolve in almost any proportional quantity of water, and make a perfectly clear solution, leaving no sediment; therefore the admixture of any foreign substance cannot be made without being readily detected. There is no useful article the production of which offers less opportunity for adulteration than refined

After the raw sugar has been properly clarified and discolorized, which is done while in a liquid state, it passes into an apparatus where it is boiled uuder a vacuum until granulation or crystallization has been sufficiently effthrough this drying-apparatus, from which it comes out in the form of those known as granulated sugar.

EVERGREENS.

By evergreens is commonly understood the family of coniferous trees, because, in northern latitudes, there are the only trees which retain their His widow, Cornelia Bradford, asfoliage throughout the year. The deciduous trees give us shade and shelter during the summer, but in our prairie regions, during the coldest half of the year, these trees are leafless and afford only partial protection from the fierce blasts of winter. This consideration alone should recommend the cultivation of evergreens to every dweller upon prairie-soil, for not only is the personal comfort of man and beast concerned, but also practical economy, as it is well understood by intelligent farmers that the abstraction of animal heat by cold winds must be counterfood. But the fact that these coniferous trees furnish our most valuable building-material, that our native supply of them is rapidly disappearing, and the market value advancing, affords strong and urgent argument for the attention of tree-growers.

The white, Austrian, and the Scotch pines are considered the best for general cultivation. Mr. Bryant says of the white pine," No one of our native forest trees is more generally useful and no one better merits careful preservation and extensive culture. an ornamental tree, it is surpassed by few, if any, of the genus. Its foliage is soft, its hue agreeable, and the whole appearance of the tree graceful."

The Scotch pine is one of the most rapidly growing species, and succeeds in very variable soils, being perfectly hardy, even in the most northern parts of our country. It bears transplanting with more facility, perhaps, thar any other species. Its thick, dense foliage adapts it well for screens or belts for the protection of orchards. On account of its rapid growth, its valuable

resists the most violent winds and does not suffer under the heavy accumula-tions of sleet and ice, which sometimes and the mother still continued it after tions of sleet and ice, which sometimes greatly injure more slender species. It has been extensively planted for ornamentation, and although rigid and ungraceful in habit, its dense and dark atively few of our readers, however, foliage in winter renders it very pleas-

ant to look upon.

The white and black spruce, the Norway spruce, and the hemlock, or hemlock-spruce, are the most important species of this genus, (Abies.) The Norway spruce in particular has been highly recommended by several western horticultural societies as the most suitable tree for belts for the protection of orchards. It is perfectly hardy, bears transplanting, is vigorous in growth, and adapted to all common

The white and the black spruces are among the most valuable ornamental evergreens, and their presence in the vicinity of the farm-house or dwelling is at once an evidence of taste, and materially, not only to the market value of a place, but presents agreeable objects for the eye, and relieves the dreariness of the winter landscape. Among ornamental evergreens per

drooping, graceful branches from a until 1769, shortly before her death.

pleasing contrast with the stiffer and William Goddard subsequently esmore rigid pines and spruces. Per-haps on account of its commonness in lishing the Maryland Journal, and the Northern and Eastern States, it has officiating as postmaster. Benjamin been neglected as an ornamental tree. Franklin appointed him as a surveyor Mr. Mechan says of it that "it would be no exaggeration to pronouce it the offices, and in order to devote himself most beautiful evergreen in cultiva- to this important service, he relintion." It has been recommended as a screen, or ornamental hedge, but for this purpose there is probably no ever-green equal to the arbor vitæ. This her own name, from 1775 to 1784. bears close planting, may be communed into any desired shape, and forms a bor vitals are considerably cultivated, and may perhaps suit some localities better than the American.

EARLY FEMALE PRINTERS IN AMERICA.

Although not earliest in time, Mrs. Margaret Draper may well claim pre-cedence in mention on account of her Carolina, forced the wives and widows the hearth, in cellar walls, chamber time, and what better than at the open-

from the worthy and manly direction their place was supplied by a third, of Bartholomew Green, at his death, Lewis Timothy. He was a French into the hands of his son-in-law, John Draper, and thence in lineal succession to his son Richard. Richard Draper to his son Richard. Richard Draper was the staunchest of Tories, and heartily advocated in his paper all the incidental consequences of the British adelphia Library. Anglocizing his incidental consequences of the British adelphia Library. Anglocizing his incidental consequences of the British adelphia Library. Anglocizing his incidental consequences of the British adelphia Library. rule. He was in partnership with name of Louis Timothee into plain mischievous nibbling depredations as that matter without the slight ble tinge of partisan feeling." eyes of John Boyle; and he dissolved the connection, leaving Mrs. Draper to struggle under her oppressive and unwelcome burden. A young Bostoniau, named John Howe, was, however, ready to be as rapidly Tory as the emergency required, and under his management the journal continued to be the only paper published in Boston during the seige. The old age of the ' News-Letter was not venerable; in its seventysecond year it could not rocognize the new light kindled on Bunker Hill, and ignominiously closed its long career with the departure of Margaret Draper and John Howe, under the protection of the British soldiery. Howe received the wages of his services in the post of government printer at Halifax, and Mrs. Draper found a final shelter in of a century as a monument of Tory ected. It is then purged of its liquor delity on a pension from the British in Providence, Rhode Island, imme-of crystallization, and passes thence government. government.

The 'American Weekly Mercury, of Philadelphia, and the Gazette, beautiful hard white grains so familiarly must divide the honors of the second place in the annals of American journalism, being both begun in December. 1719. The Mercury, the first paper in the Middle States, was successfully supported by its founder, Andrew Bradford, until his death in 1742. sumed the entire control for some months; she then entered, for a short period, into partnership with Isaiah Warner, but afterwards resumed the sole responsibility of the journal, sup-

porting it for some years with ability. The first woman directly mentioned as personally engaged in printing in the United States, is Elizabeth, wife of Samuel Green, the second. John Dunton, the English traveller, in his "Life and Errors," gives an exquisite and elaborate description of his character and conduct as a model woman, wife and mother, and as part of the balanced by an increased supply of eulogium says that "she labored in her food. But the fact that these conifer- husband's office with a skill as if she had never been in a kitchen, while she er been out of it."

In the same great typographical family of the Greens, Jonas became State printer for Maryland in 1740. the conduct of his newspaper, the Maryland Gazette.' Soon afterwards she admitted her son William as partner, with the firm name of Anne Catherine Green & Son. William died in a short time, and she continued of the equator, abounds in trees pro-her labors alone until her death in ducing the gum of india-rubber. They

The family of Franklin also con-tained at least three female composi-gather the sap of eighty in a day, each tors, the best known being Anne, widow of James Franklin. After his unfortunate experience with the ' Courant, 'James Franklin abandoned Boston, and became State printer at Newport, Rhode Island. He died there in 1785, and his office was continued to

the death of James in 1762. She afterwards formed a partnership with Samuel Hall, under the name of Franklin & Hall, thus, by a curious coincidence, repeating the title of the firm of which her brother-in-law, Benjamin, was a member in Philadelphia. Mrs. Anne Franklin died in 1863, at the age of sixty-three, having just printed a folio edition of the laws of the state.

Mrs. Sarah Goddard and her daugh-

ter were also widely known in the profession. The mother was a member of the Updike family of Rhode Island, and received a remarkably thorough education. She married a physician named Goddard, who died in a few years; and under her direction her son William was trained as a printer. He became the first printer in Providence. Rhode Island, and established in 1762. the Providence 'Gazette and 'Country Journal.' His mother became his partner, under the firm name of Sarah and William Goddard, and the entire business devolved upon her when her son removed to Philadelphia. She afterwards became associated with Jol n Carter in the firm of Goddard & Co. and successfully pursued her avocation

of post-roads and controller of postquished his business into the hands

dense, compact wall of the deepest green. The Siberian and Chinese arbor vitals are considerable with the deserves special and honorable mention for the fine character and excellent typographical exacution. cations. Her father was a printer of celebrity, especially known for publishing the Bible in Philadelphia in country between the 42nd and 50th are no politics whatever in the service, it 1728; the business descended to her, and she sustained it most creditably

for many years. The calamities which attended the connection with the first newspaper in the United States.

The Boston 'News-Letter' passed from the worthy and manly direction their place was supplied by a third, singing is accomplished is thought to country, regardless of party, will enown exertions maintained the office through the minority of her child, and upon reaching his majority relinquished it to her son Peter. This typographer enthusiastically adopted the cause of the Colonies; was taken prisoner in Charleston by the British, and was drowned at sea on his passage home, after being exchanged. Ann Timothy. his widow, under the pressure of ne cessity, revived the 'Gazette, 'a paper formerly established by the father of her husband, and obtained the position of State printer, a station which she held until death in 1792.

Charles Crouch, a native of Charleston, opened an office in that city in 1765, and devoted his paper to the opposition of the Stamp Act. Just at the commencement of hostilities he England, where she lived for a quarter | was drowned while on his way to New York. His widow, Mary Crouch, born press, and succeeded in escaping with all the material of the office just as Charleston fell into the hands of the British. Mrs. Crouch carried her press and types to Salem, Massachu-setts, where she published a paper in January, 1781, called the Salem 'Gazette and General 'Advertiser;' she soon afterwards sold her office and re

tired to Providence, her birthplace. The list of early female printers might readily be lengthened by the names of those widows who were compelled by circumstances to assume the business as the only means of supporting their families, without making any endeavor to achieve a distinguished position among the craft. Among these was Joanna Perry, of Boston, who directed her husband's office for several years subsequent to his death. Clementina Rind also succeeded her husband for several years as printer of the Virginia 'Gazette.' In New York, Elizabeth Holt and Ann Greenleaf each conducted journals for a few years after the decease of their husbands; and Catherine Zenger, the worked in her house as if she had nev- widow of the celebrated John Peter Zenger, supported his printing office and the New York 'Weokly Journal. Her son, during the period, completed his apprenticeship under her direction He married a Hollandish immigrant, and she resigned in his favor, opening and upon his death, in 1767, she as- on her own occount a house for the sumed his business as printer as well as sale of pamphlets and station:ry .-

INDIA-RUBBER.

The belt of land around the globe, 500 miles north and 500 miles south 1875, leaving the office to her sons, can be tapped, it is stated, for twenty Frederick and Samuel Green. successive seasons without injury; and the observers were stationed in another they stand so close that one man can boat at a distance and received the tree yielding, on an average, 8 table spoonfuls a day. Forty-three thousand of these trees have been counted in a mersed at a considerable depth in the tract of country a mile long by eight wide. There are in Europe and weighed about one hundred and thirty of india-rubber articles, employing 500 distance of about 14,000 yards.

SINGING MICE.

Singing birds and noisy insects are quite familiar objects, but musical quadrupeds are an anomaly. Horses and several species of serpents evidently receive pleasure from sweet sounds. Anatomists ascertained long ago that when that division of the internal car technically called cochlea existed. which is fully developed in man, a marked susceptibility to musical im-pressions existed. Where a chocleal spiral appears, even in an elementary form, it pre-supposes a corresponding organization of the brain. It is a law in organic life that the special organs of sense bear a definite relation to the skull. It seems that the larger the surface over which the accoustic nerve is expanded, the greater the musical capacity in birds. In very distinguished musical characters the power The stand which the president has is in their brain, the ear being simply an instrument through which the mind maintains a relation with the air, by which vibrations are transmitted to the apparatus within.

tuberance in the upper part of our throat. On the contrary, an equivalent for vocal cords are vibrating folds of the skin just at the outlet of each nostril. By forcing air with a little ex-tra force, entirely depending on the will of the mouse, such is the tension of those valvular folds, a shrill note is produced. The performer varies the tone from a grave to an acute sound at will. There is a curious resemblance to the varying liarmony of the Æolian harp, and the songster is undisturbed when a concert has been fairly commenced. When caged and the performing prisoners become familiar with the surroundings, they will sometimes on the character of the public service. sing with the ardor of a veteran ca-

degrees of latitude north. Houses is becoming more and more conclusive have been superstitiously supposed to that there should be no politics in the be haunted by ghosts of murdered la- considerations that govern appointment dies, who thus announced themselves and promotion. This broader and bear some analogy to that by which a thusiastically co-operate with Protestant refugee, who had learned to cat purs. Both, when in operation, print in Holland, and afterwards found indicate a quiet, pleasant state of feel-

purses, owing, perhaps, to the ingenuity displayed by furriers in the adaptation of skins formerly unheard of.

Seal-skin sets of a fine quality are to be had very low. These look well with walking dresses, soften the complexion, and last, though not least, do not attract moths.

They are preferable to the coarse a very rich affect and is preferred by many.

beyond general reach, a muff and boa costing from \$150 to \$800. Ermine has decreased in price. This is the most becoming of all furs, but it

The price of Russian sable puts it

is reserved for carriage dress and even-For use no fur excels the black Astrachan, and the price is very moderate. In this climate such a set is

very desirable. Thus muffled one can face all weather, as rain does not hurt the fur. Trimming furs are sold by the yard.

and are very effective on the velvet miner had been paid just \$50 too overdresses and sacques. It is allowable to put them on heavy woolen stuffs, but they should be chosen with care as to color. A black velvet polonaise. trimmed with sable, is a beautiful winter garment, and is not in danger of for children is very large this season. Whole sets, sacque, muff and turban, but, when he saw the money actually are very much worn. Whether or not this style of clothing is healthy, is a question for physicians to answer. here is certainly ground for debate.

These sets come in ermine, French ermine, Iceland lamb, Persian lamb lonesome in this country?" and squirrel.

The putting away of furs, after the season, is an important matter. Accoring to fur dealers camphor should not be used. The furs should be hung in the air for several days, beaten thoroughly with a light switch, rolled in brown paper, put in boxes, and placed in a dry closet. At intervals, through the summer, it is well to take them out, and examine and air them. This is all that is necessary for their preservation from moths.

TELEGRAPHING BY SOUND THROUGH WATER. In 1828 Sturm and Colladon made

a series of experiments at Lake Geneva Switzerland, to determine the rate of transmission of sound through water. The sounds were produced by striking a bell suspended from a boat at a suitable depth in the water, while the observers were stationed in another sonorous impressions through a long water. In these experiments the bell America more than 150 manufactories pounds and the sound was heard at a

the following results: The experi- thence to the Lower Missouri and low-Two bells were employed, one of about eighty pounds and the other of seven of the first the sound was transmitted while in the case of the second or ner's for December.

taken against the Ring politicians in Pennsylvania, in his determination to enforce the civil-service rules, meets with the approbation of the better men of all parties, and many Democrats Musical mice do not sing by a current of air passing through the larynx tion are free to commend his action.

The Boston 'Post,' one of the strongest Democratic journals in the country, says :

"Coming directly after his re-election, for which President Grant is reminded that he is the special debtor t Pennsylvania, this reported attitude is quite as commendable as it is remarkable. It is an excellent resolution for an administration to start off on, provided it is kept up to the end.

promotion of trusty and capable subordinates is the very secret of securing faithful service. There is an element of trustworthiness in public office, on that basis, which will have an immediate effect, if not immediately visible, There is a widely prevalent opinion that it is time the public business of president in his endeavors to bring over the civil service to a better basis that matter without the slightest visi-

AN AWFUL LONESOME MAN

IN CALIFORNIA. In the shanty which, in California early days did duty as office for the banking postal, and express business of Wells, Fargo & Co., in Maryville, there sat, one Saturday evening, a misanthropic and dejected looking individual. whose long and unkempt hair and beard, cowhide boots and rough dress bespoke the miner. For over an hour he set there the picture of despair, with not a word or a look for any one qualities of mink, which wear lighter, present. Miners came, left their and are hard to protect. The fur "dust," took their coin in return, and known as the Alaska sable is somewhat exchanged greeting with all present, lower in price than seal-skin. It has save the one morose man whose apathy nothing, it seemed, could disturb. Finally there entered a young man with a beaming face, who, after completing his business at the counter, turned to the agent in charge and remarked that on the previous Saturday he had some dealings with the bank and thought that some mistake had been made in his account.

"Guess not," said the agent. "Our cash was all right, and I reckon we keep our books pretty straight." But upon the request of the miner

that the account should be examined. the account was looked at, and it was found that through a clerical error the much " That's just what I make it, " said

the latter, "and here's your money." With this he threw down the gold, and received the thanks of the agent. While this conversation was in pro-

growing common. The variety of furs gress, the misanthropic miner had preserved his look of utter indifference returned, his face brightened up, he rose slowly, walked toward the honest miner with slow and solemn step, and said :

"Young man, don't you feel awful

MYSTERY OF AMERICAN WIN-TER STORMS.—AN ATMOS-PHERIC WAVE.

A telegram from Washington an nounces that the researches of the Signal Office have just been rewarded by a beautiful and highly important meteorological discovery. On the coast of England, from time

immemorial, the phenomenon of the great November atmospheric wave has been the speculation of scientists and seamen; but Sir John Herschel and others have supposed it was peculiar, and confined to England and Western Europe, which it reaches from the South Atlantic, and over which it rolls in long-continued undulations from October to January, constituting an important element in the phenomenal charcter of European winter. On the 12th of November, a similar atmospheric wave began to break over the shores of Oregon and British Columbia, as shown by the weather telegrams. By the evening of the 13th, it had spread over nearly all of the Pacific States and Territories, Utah and Nevada, and at midnight was pouring through the passes of the Rocky Mountains. On Thursday, the 14th, it descended upon store, on Ohio Levee.

ments were conducted as in the former er Mississippi valleys, and over the instance and made in the River Seine. western shore of the Mexican Gulf. This discovery will enable me-teorologists to anticipate by many street.

hundred pounds weight. In the case days the approach of winter, as it advances from the Pacific coast eastward to a distance of about 1,800 yards, in the great current of westerly winds. It serves to clear up the old mystery of larger bell only to 1,500 yards. There American winter storms, showing that was therefore no advantage gained by the increase in the size of the bell—in fact there was a loss. The great deminution in the distance to which the and Southern Wyoming the vapor laden sound was conveyed in his experiments air of this wave, coming from over the is accredited by M. Lucas to want of warm Pacific, is now seen to be condepth in the waters of the Seine as densed in the overwhelming snows of nervous system, the great controlling compared with those of Lake Ge-the forty-first parallel. As the rast organ of the whole being within the neva.—[Nature and Science; Scrib-aerial wave is probably like the English wave, continued in successive undulations for two or three months, it may assist in explaining the comparatively high temperature and light precipitation in winter along Puget Sound and eastward.—[From Ameri-can Artisan, Nov. 30th.

LAKE ERIE DRYING UP. It is predicted that Lake Erie, now

the pathway of a mighty commerce, will, in time, dry up, and become the home of a teeming population. Careful surveys have shown that while Lake Michigan has an average depth of 120 feet, which is said to be constantly decreasing. The bottom of the lake is quite level, and composed of soft clay. This clay is constantly accumulating from sediment carried down by tributary streams. The south shore is composed of easily disintegrating blue, gray and olive shoals and gray sandstone. The western coasts are made up of limestone of the Heiderberg group, which quickly yields to the action of the waves. Consequently both shores are constantly contributing to fill up the bed of the lake. The work is not rapid, but it is said to be as certain as fate.

A BERLIN lithographer has, after years of study, succeeded in inventing inimitable paper money. The color of the paper is the only secret on tallow, great on which the invention rests. The place. No. inventor says the colors cannot be chemically analyzed; on applying the magnifying glass they can be distinguished from all other colors; and in proprietor their quality as colors they cannot be imitated by photography, nor in any other way. The inventer says that he will enable each individual State to without mo have its own composition, and that this | thermore, i process is not a more expensive one of lager, pu than the present paper preparation for Jerry, or as securities or treasury notes.

Don't.-Don't spit on the floor : don't spit at all if you can help it; don't drum with fingers or feet; don't sit with your feet higher than your head; don't go with dirty nails; don't trim or clean your nails in company; turned hom don't clean your nose, or ears in the has been m presence of others ; don't eat with your ter dry goo ble; don't make sipping tea or eating soup a vocal exercise ; don't eat fast ; don't interrupt others in conversation don't use profane language; don't whisper in church or at concerts; don't pull out your watch in church; don't sleep in church-unlese the minister is asleep; don't run in debt, but if you do, den't forget to pay; don't borrow your neighbor's newspapers.

Tennyson introduces the hero of his forthcoming Arthurian Idyl, Gareth and Lynette," in this fash-

"The last tall son of Lot and Bellicent, And tallest, Gareth, in a showerful spring Started at a spate."

Started at what? have asked the puzzled critics. What in the world is a "spate?" Webster and Worcester shed no light on it. But from Peter Levius' " Manipulus Vocabulorum, published in 1570, when Shakspeare was six years old, it is discovered that 'a spate " is a turbulent stream, a stream swollen by rains.

PRINTING in Italy during the last few years has presented a singular spectacle. Recently, with the change of the seat of government from Turin to Florence, and, during the last year again to Rome, a complete migration of letter-press and lithegraphic printers has taken place. "Notwithstanding," says L'Imprimerie, "the two first cities will always retain, in spite of these displacements, the most active and most extensive establishments."

THE late fire at Erfurt having destroved Luther's Bible, it was at first feared that there was no other copy extant. It has been ascertained, however, that there are still five Bibles with his autograph and holograph extract preceding the title-page. One of these is in the Queen's library at Windsor, another in the Berlin library another in the library of Munich, i fourth in the British Museum, and a fifth is owned by a private English gentleman.

THE THIMBLE .- The name of this little instrument was originally derived from the words "thum" "bell being at first thumbel, and afterwards thimble. It is of Chinese invention, and was introduced into England about the year 1695, by John Lotting who came from Holland, and commenced its manufacture in Islington, near London, pursuing it with great profit and success. Formerly iron and brass were used, but lately steel, silver and gold have taken their places.

LOCALS.

The reputation of the Steinway piano is known all over the world. 11-23tf. N. P. Cuntick, Agent.

FEATHERS in large or small quantities at very low figures at H. Levi's hide 10 18dtf

They

ween Co ues, has stock of f ticular at ment of omethin woolen de also some ver dev lected a

bons, flow of which found els 10-9-12 Good most com just bees Greenwo These go men in

had a la ceived | works